



# iHome iH8BR Motherboard Assembly Replacement

This guide will show you how to separate the Motherboard Assembly from the rest of the device.

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## INTRODUCTION

The Motherboard Assembly contains the iHome iH8BR's speaker grille, motherboard, dual speakers, and iPod adapter. This guide will pick up where Installing iHome iH8BR Lower Case left off.

Removing the Motherboard Assembly will also provide access to the iHome's buttons and scroll wheels which are located on the top of the device.

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### TOOLS:

- [Spudger](#) (1)
  - [Phillips #2 Screwdriver](#) (1)
  - [Tweezers](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
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## Step 1 — Lower Case



- Unplug the device from the wall outlet, and turn it over so that the buttons are on a flat surface.
- Use your fingers to pinch the tab in the direction of the "Open" arrow until tab is loose. Pull the tab vertically to remove it.
- Remove the battery cover and the batteries.

## Step 2



- Slide a spudger under the two front rubber pads to expose two hidden screws.

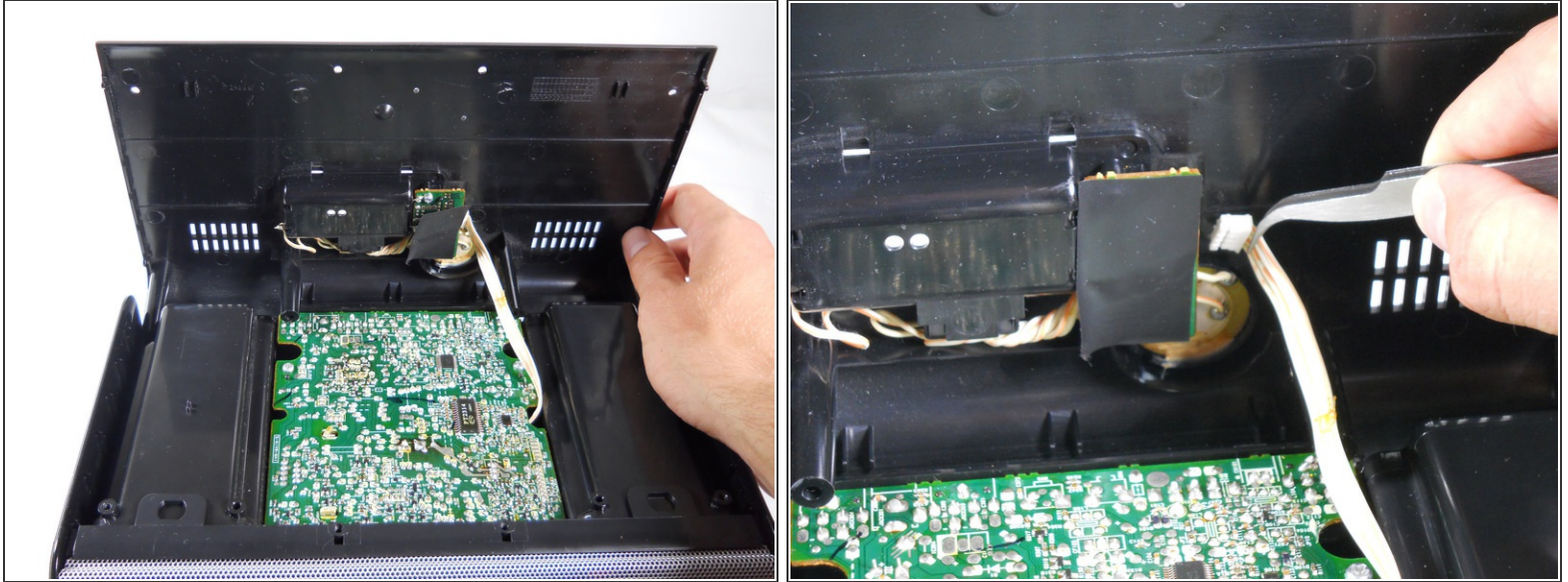


## Step 3



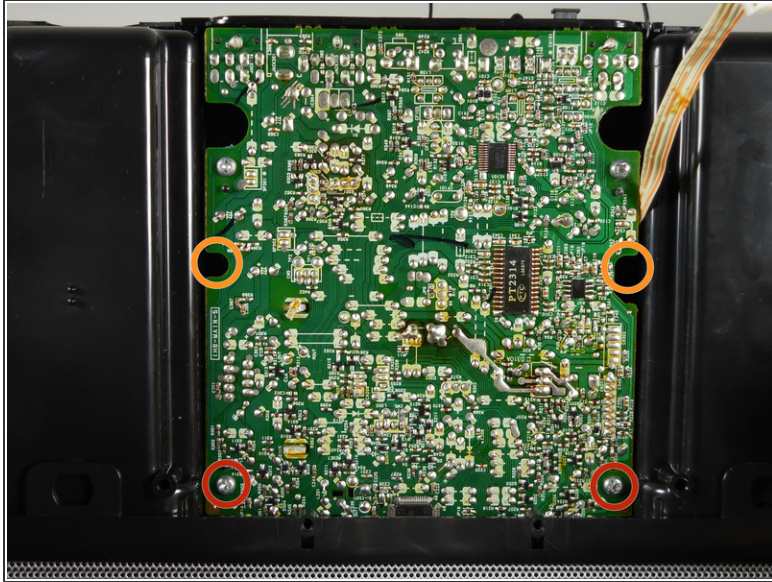
- Remove the following eight screws:
  - Four 15.1 mm Phillips #2 screws near the front of the device.
  - Four 12.7 mm Phillips #2 screws near the back of the device.
- ⓘ The slots for the four 12.7 mm screws are very narrow, so you will need a slender, Phillips #2 screwdriver that does not feature replaceable heads in order to reach them.

## Step 4



- Turn the iHome 180 degrees so the speaker grille is facing you. Carefully lift the bottom case away from the rest of the body and tilt it as shown.
- ⚠ Be careful and do not yank the bottom case. A white ribbon wire is the only thing that connects the bottom case to the rest of the device.
- Using a pair of tweezers, detach the white ribbon cable. Make sure to pull on the ribbon, not on the head.
- The lower case can now be completely removed from the device!

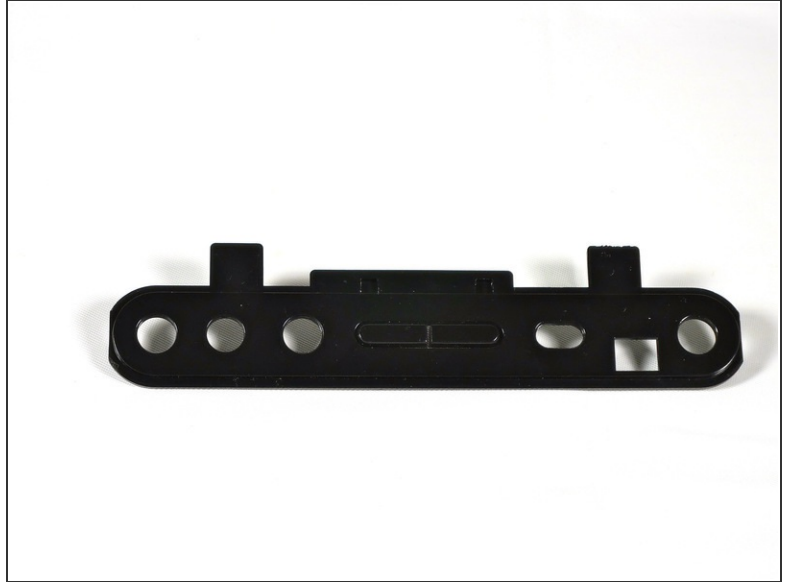
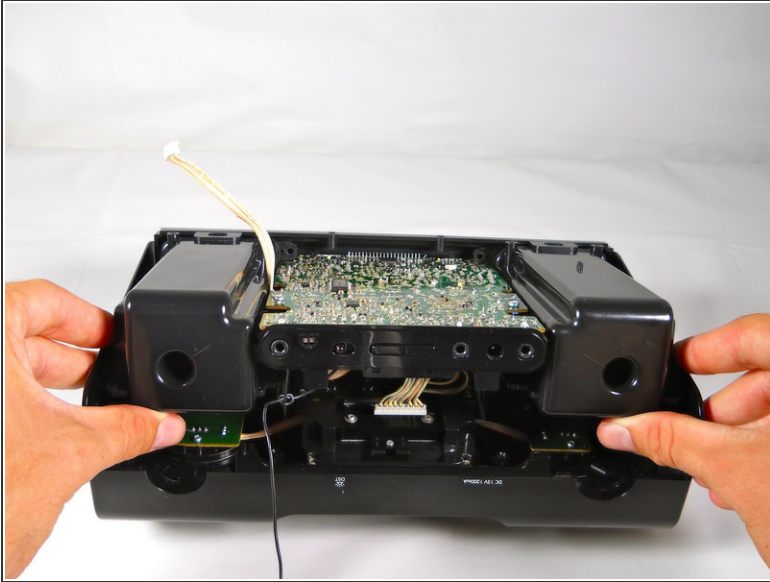
## Step 5 — Motherboard Assembly




- Remove the four screws attaching the top of the case to the motherboard:
  - Two 9.5 mm Phillips #2 screws near the speaker grille.
  - Two 14.3 mm Phillips #2 screws that sit in recesses under the motherboard.
- ⓘ It is useful to use a screwdriver with a magnetic tip so that the screws don't get lost inside the device.



## Step 6

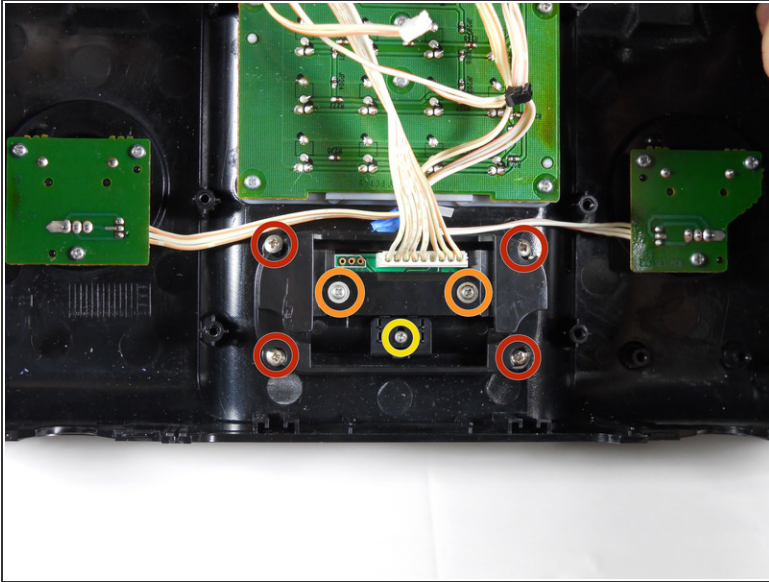


- Turn the iHome 180 degrees and carefully pull up on speaker cases to pry them loose from the bottom case.

 Prying the Motherboard Assembly from the Upper Case will require a good amount of force. Be very careful not to break the case, or yank on any of the ribbon wires attached to the underside.

- Pulling outwards on the sides of the Upper Casing can help loosen the assembly.
- If it seems too difficult to remove, chances are that a screw is still attached. Make sure you've removed every screw listed before proceeding to this step.
- Pull the back adapter cover off.

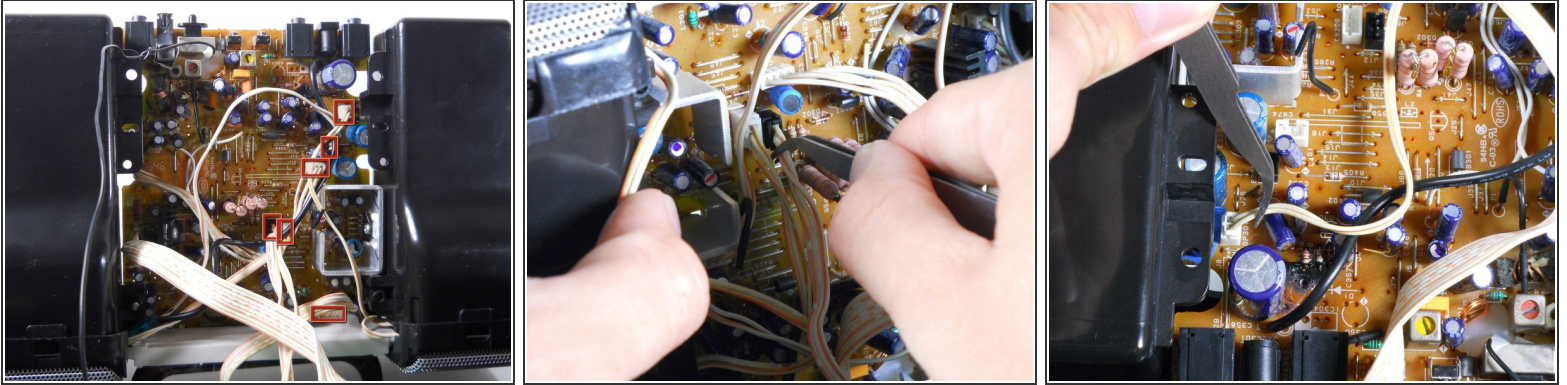
## Step 7



- Remove the four 6.4 mm Phillips #1 screws holding the adapter to the outer case.
- ⓘ Only remove the following screws if you are planning on taking apart the iPod Adapter later on:
  - Two 6.4 mm Phillips #1 screws near the center of the adapter. These screws have built in washers.
  - One 4.0 mm Phillips #1 screw near the center of the adapter.
- The iPod adapter should now be separate from the upper casing.



## Step 8



- With the back of the iHome is facing you, tilt the Motherboard Assembly upwards as shown.
- ⚠ Do not yank or jerk these ribbon cables. Make sure not to pull on the heads, but on the ribbons themselves.
- Use tweezers to remove the 6 ribbon cables.

## Step 9



- Pull the speakers, motherboard, and iPod adapter up and away from the lower casing.
- You have now separated your iHome's inner workings from its protective case!

To reassemble your device, follow these instructions in reverse order.

